



STIC Search Report

EIC 2800

STIC Database Tracking Number: 119908

**TO: Jack Berman
Location: JEF- 2A01
Art Unit : 2881
Wednesday, April 21, 2004**

Case Serial Number: 09/432984

**From: Darcy Bates
Location: EIC 2800
JEF- 4B68
Phone: 571-272-2540**

darcy.bates@uspto.gov

Search Notes

Re: 09/432,984 US 5,696,375

Attached are search results.

**No U. S. litigation was found in searches of
Lexis-Nexis and Questel-Orbit databases.**

**If more searching or explanation is needed, please let
me know.**

**Thanks,
Darcy Bates**

Day : Wednesday
Date: 4/21/2004
Time: 09:04:47

 **PALM INTRANET****Application Number Information**Application Number: 09/432984 Assignments

Filing Date: 11/02/1999

Effective Date: 11/02/1999

Application Received: 11/02/1999

Patent Number:

Issue Date: 00/00/0000

Date of Abandonment: 00/00/0000

Attorney Docket Number: 140-032

Status: 90 /ALLOWED -- NOTICE OF ALLOWANCE NOT YET MAILED

Confirmation Number: 1878

Title of Invention: MULTIDEFLECTOR

Examiner Number: 59199 / BERMAN, JACK

Group Art Unit: 2881

Class/Subclass: 250/287.000

Lost Case: NO

Interference Number:

Unmatched Petition: NO

L&R Code: Secrecy Code:1

Third Level Review: NO

Oral Hearing: NO

Secrecy Order: NO

Status Date: 09/25/2003

| Bar Code | PALM Location | Location Date | Charge to Loc | Charge to Name | Employee Name | Location |
|----------|---------------|---------------|---------------|----------------|---------------|-------------|
| 09432984 | 28U4 | 04/13/2004 | 28X1 | BERMAN, JACK | WESTIN,EDWARD | JEF/08/D 65 |

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Day : Wednesday
Date: 4/21/2004
Time: 09:05:23

 **PALM INTRANET**

Continuity Information for 09/432984

Parent Data

09432984

is a reissue of 08560396

Child Data

10351965 is a continuation of 09432984

| | | | | | | | | | | |
|------------|----------|---------------|-----------------|-----------------|--------------|-----------|---------|------|-----------|---------------|
| Appl. Info | Contents | Petition Info | Atty/Agent Info | Continuity Data | Foreign Data | Inventors | Address | Fees | Post Info | Pre Grant Pub |
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Day : Wednesday
Date: 4/21/2004
Time: 09:05:30

Application Number InformationApplication Number: **08/560396** [Assignments](#)Filing Date: **11/17/1995**Effective Date: **11/17/1995**Application Received: **11/17/1995**Patent Number: **5696375**Issue Date: **12/09/1997**Date of Abandonment: **00/00/0000**Attorney Docket Number: **140-012**Status: **150 /PATENTED CASE**Confirmation Number: **6289**Title of Invention: **MULTIDEFLECTOR**Examiner Number: **59199 / BERMAN, JACK**Group Art Unit: **2878**Class/Subclass: **250/287.000**Lost Case: **NO**

Interference Number:

Unmatched Petition: **NO**

L&R Code: Secrecy Code:1

Third Level Review: **NO**Oral Hearing: **NO**Secrecy Order: **NO**Status Date: **03/21/2002**

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|-----------------|---------------|-------------------|---------------|---------------------|----------------------|--------------------|
| 08560396 | 28U4 | 04/13/2004 | 28X1 | BERMAN, JACK | WESTIN,EDWARD | JEF/08/D 65 |

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Day : Wednesday
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Continuity Information for 08/560396

Parent Data

No Parent Data

Child Data

09432984 is a reissue of 08560396

10351965 is a continuation of 09432984

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Day : Wednesday
Date: 4/21/2004
Time: 09:05:48

Application Number InformationApplication Number: 10/351965 Assignments

Filing Date: 01/27/2003

Effective Date: 01/27/2003

Application Received: 01/28/2003

Patent Number:

Issue Date: 00/00/0000

Date of Abandonment: 00/00/0000

Attorney Docket Number: 140-091

Status: 18 /APPLICATION RETURNED BACK TO PREEXAM

Confirmation Number: 6102

Title of Invention: MULTIDEFLECTOR

Examiner Number: 00000 /

Group Art Unit: 2878

Class/Subclass: 250/.

Lost Case: NO

Interference Number:

Unmatched Petition: NO

L&R Code: Secrecy Code:1

Third Level Review: NO

Oral Hearing: NO

IFW IMAGE

Secrecy Order: NO

Status Date: 10/15/2003

| | | | | | | |
|----------|---------------|---------------|---------------|----------------|---------------|----------|
| Bar Code | PALM Location | Location Date | Charge to Loc | Charge to Name | Employee Name | Location |
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Info**

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Day : Wednesday
Date: 4/21/2004
Time: 09:06:00

 **PALM INTRANET**

Continuity Information for 10/351965

Parent Data

10351965

is a continuation of 09432984

Which is a reissue of 08560396

Child Data

No Child Data

| | | | | | | | | | | |
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Litigation involving patent 5,696,375

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Click on the above patent number to view the patent.

|  Docket |  Case Heading |  Date Filed |  Date Retrtd |
|--|--|--|---|
|--|--|--|---|

There are no cases involving this patent number.

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Terms: **patno=5696375** ([Edit Search](#))

560396 (08) 5696375 December 9, 1997

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5696375

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[Link to Claims Section](#)

December 9, 1997

Multideflector

EXPIRATION: December 9, 2001 - Dec. 9, 2001 due to failure to pay maintenance fees

March 22, 2002 - REINSTATED due to acceptance of delayed payment of maintenance fee (O.G. April 23, 2002)

REISSUE: Reissue Application filed Nov. 2, 1999 (O.G. May 2, 2000) Ex. Gp.: 3711; Re. S.N. 09/432,984, (O.G. May 2, 2000)

January 27, 2003 - Reissue Application filed Ex. Gp.: 2878; Re. S.N. 10/351,965 (O.G. April 22, 2003)

INVENTOR: Park, Melvin - Nashua, New Hampshire, United States (US);
Koster, Claus - Lilienthal, Germany (DE)

APPL-NO: 560396 (08)

FILED-DATE: November 17, 1995

GRANTED-DATE: December 9, 1997

ASSIGNEE-AT-ISSUE: Bruker Analytical Instruments, Inc., Billerica, Massachusetts, United States (US), 02



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patno=5696375

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Selected file: PLUSPAT

Search statement 1

Query/Command : us5696375/pn

** SS 1: Results 1

Search statement 2

Query/Command : prt fu legalall max

1 / 1 PLUSPAT - @QUESTEL-ORBIT - image
PN - US5696375 A 19971209 [US5696375]
TI - (A) Multideflector
PA - (A) BRUKER ANALYTICAL INSTR INC (US)
PAO - Bruker Analytical Instruments, Inc., Billerica MA [US]
IN - (A) PARK MELVIN (US); KOESTER CLAUS (DE)
AP - US56039695 19951117 [1995US-0560396]
PR - US56039695 19951117 [1995US-0560396]
IC - (A) H01J-049/28 H01J-049/40
EC - H01J-049/40
H01J-049/48C
ICO - T01J-249/40P2A
PCL - ORIGINAL (O) : 250287000; CROSS-REFERENCE (X) : 250294000
DT - Basic
CT - US5117107; US5194732
STG - (A) United States patent
AB - A method and apparatus to direct ions away from their otherwise intended or parallel course. Deflectors are used to establish electric fields in regions through which ions are to pass. With such electric fields, ions may be deflected to a desired trajectory. According to the present invention, a multideflector, in the form of a series of bipolar plates spaced evenly across the ion beam path, is used as an ion deflector.

1 / 1 LGST - @EPO
PN - US5696375 A 19971209 [US5696375]
AP - US56039695 19951117 [1995US-0560396]
ACT - 19980417 US/AS02-A
ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: BRUKER ANALYTICAL INSTRUMENTS, INC. FORTUNE DRIVE,;
EFFECTIVE DATE: 19960328

19980417 US/AS02-A
ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: PARK, MELVIN; EFFECTIVE DATE: 19960328

19980417 US/AS02-A
ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: KOSTER, CLAUS; EFFECTIVE DATE: 19960330

20000502 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 19991102

20020212 US/FP-A [-]
EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE
EFFECTIVE DATE: 20011209

20020423 US/PRDP-A [+]
PATENT REINSTATED DUE TO THE ACCEPTANCE OF A LATE MAINTENANCE FEE
EFFECTIVE DATE: 20020318

20030422 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20030127

UP - 2003-22

1 / 1 CRXX - @CLAIMS/RRX
AN - 2916736
PN - 5,696,375 A 19971209 [US5696375]
PA - Bruker Analytical Instruments Inc
PT - E (Electrical)
ACT - 19980417 REASSIGNED
ASSIGNMENT OF ASSIGNORS INTEREST

Assignor: PARK, MELVIN DATE SIGNED: 03/28/1996
KOSTER, CLAUS DATE SIGNED: 03/30/1996

Assignee: BRUKER ANALYTICAL INSTRUMENTS, INC. FORTUNE DRIVE,
MANNING PARK BILLERICA MASSACHUSETTS 01821

Reel 009131/Frame 0635

Contact: WARD & OLIVO JOHN W. OLIVO, JR. 708 THIRD AVENUE NEW
YORK, NY 10017

19991102 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20000502
REISSUE REQUEST NUMBER: 09/432984
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3711

Reissue Patent Number:

20020212 EXPIRED (20011209)

20020423 REINSTATED (20020322)

20030127 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20030422
REISSUE REQUEST NUMBER: 10/351965
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2878

Reissue Patent Number:

4/21/04

US 5,696,375

09/432984

UP - 1999-00
UACT- 2003-04-22

Query/Command : fam us5696375/pn

1 Patent Groups
** SS 2: Results 1

Search statement 3

Query/Command : famstate nonstop

1 / 1 PLUSPAT - @QUESTEL-ORBIT - image
PN - US5696375 A 19971209 [US5696375]
STG - (A) United States patent
TI - (A) Multideflector
PA - (A) BRUKER ANALYTICAL INSTR INC (US)
PAO - Bruker Analytical Instruments, Inc., Billerica MA [US]
IN - (A) PARK MELVIN (US); KOESTER CLAUS (DE)
IC - (A) H01J-049/28 H01J-049/40
AP - US56039695 19951117 [1995US-0560396]
PR - US56039695 19951117 [1995US-0560396]
EC - H01J-049/40
H01J-049/48C
ICO - T01J-249/40P2A
PCL - ORIGINAL (O) : 250287000; CROSS-REFERENCE (X) : 250294000
DT - Basic

1 / 1 LEGALI - @EPO
PN - US5696375 A 19971209 [US5696375]
AP - US56039695 19951117 [1995US-0560396]
ACTE- 19980417 US/AS02-A
ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: BRUKER ANALYTICAL INSTRUMENTS, INC. FORTUNE DRIVE;;
EFFECTIVE DATE: 19960328

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OWNER: PARK, MELVIN; EFFECTIVE DATE: 19960328

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ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: KOSTER, CLAUS; EFFECTIVE DATE: 19960330

20000502 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 19991102

20020212 US/FP-A [-]
EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE
EFFECTIVE DATE: 20011209

20020423 US/PRDP-A [+]
PATENT REINSTATED DUE TO THE ACCEPTANCE OF A LATE MAINTENANCE FEE
EFFECTIVE DATE: 20020318

20030422 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20030127
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